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MARC and Non-MARC Metadata for Digitized Government Documents

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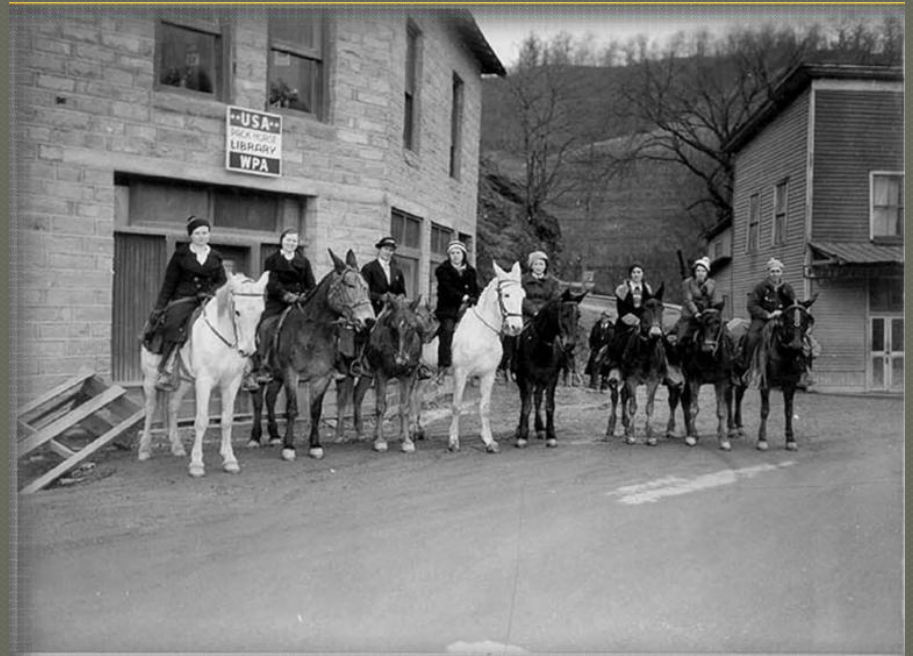
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MARC and Non-MARC Metadata for Digitized Government Documents

Kathryn Lybarger
CaMMS Cataloging and Classification
Research Interest Group
February 1, 2015

The Collection

- University of Kentucky Libraries is a regional depository library
- We are an ASERL Center of Excellence for the Works Progress Administration (WPA)



The Projects



- Preserve WPA publications in original format
- Catalog collection fully
- Identify and collect any missing titles
- Digitize selected collections

“Digitization” is not enough

- Need good metadata
- Helpful for discovery
- In formats that our systems can read
- Using best practices/standards

Index of /drf

[ICO]	Name	Last modified	Size	Description
[PARENTDIR]	Parent Directory	-		
[IMG]	0001.tif	2007-08-10 12:59	21M	
[IMG]	0002.tif	2007-08-10 13:28	7.5M	
[IMG]	0003.tif	2007-08-10 13:29	6.6M	
[IMG]	0004.tif	2007-08-10 13:29	6.7M	
[IMG]	0005.tif	2007-08-10 13:30	7.6M	
[IMG]	0006.tif	2007-08-10 13:30	6.5M	
[IMG]	0007.tif	2007-08-10 13:30	6.8M	
[IMG]	0008.tif	2007-08-10 13:32	7.5M	
[IMG]	0009.tif	2007-08-10 13:34	6.7M	
[IMG]	0010.tif	2007-08-10 13:37	6.8M	
[IMG]	0011.tif	2007-08-10 13:43	6.1M	
[IMG]	0012.tif	2007-08-10 13:43	8.1M	
[IMG]	0013.tif	2007-08-10 13:44	15M	
[IMG]	0014.tif	2007-08-10 13:44	6.9M	
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[IMG]	0017.tif	2007-08-10 14:26	21M	
[IMG]	0018.tif	2007-08-10 14:26	21M	

Kentucky Digital Library

kdl Kentucky Digital Library

Limit your search

Format

- books (329,781)
- newspapers (305,826)
- journals (92,016)
- images (84,090)
- minutes (69,181)
- archival material (64,153)
- yearbooks (53,047)
- theses (43,330)
- course catalogs (43,130)
- athletic publications (28,500)
- directories (11,721)
- collections (5,227)
- maps (4,738)
- ledgers (1,298)
- oral histories (977)
- architectural drawings (visual works) (557)
- audio (463)

Repository


- University of Kentucky (1,037,623)
- Transylvania University (44,079)
- Murray State University (18,434)
- Lexington Public Library (9,025)
- Jeffersonstown Historical Museum (5,520)
- International Code Council (4,623)
- Kentucky State University (3,598)
- Berea College (3,335)
- Georgetown College (3,075)
- Keeneland Racing Association (2,035)

more »


in All Fields Search ?

Collections:
0-9 | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z


Collection Highlights




Historic Newspapers




Images




Collections



Maps







Books



Oral Histories

Read all about January 27th in Kentucky's historical newspaper archive!

Find us on

- Running BlackLight
- Need Dublin Core in METS
- Format specified by our Digital Library Services group

Our Dublin Core Elements

- ◉ creator
- ◉ title
- ◉ date
- ◉ description
- ◉ subject
- ◉ contributor
- ◉ publisher
- ◉ identifier
 - (call number)
- ◉ Rights
 - (provided string)
- ◉ Format
 - “books”
- ◉ (Provide in XML format as a block in a METS skeleton)

Access through the catalog

- Just add links to print?
- For some projects we have just added an 856 to the print record
- Generally we follow:
 - Differences Between, Changes Within
 - OCLC's Guidelines

The screenshot displays the InfoKat Library Catalog website. The header is blue with the text "InfoKat .uky.edu Library Catalog". Below the header is a navigation bar with links: "Library Home", "Mobile", "Other Library Catalogs", "Interlibrary Loan", "Articles from Storage", "E-Journals", "Blackboard [Bb]", and "Ask a Librarian". A secondary navigation bar contains buttons for "Search", "My Searches", "My List", and "My Account", along with a "Log in to" link. The main content area is titled "Basic Search" in pink. Below this title are tabs for "WorldCat Local", "Basic", "Advanced", "Subject", "Author", and "Course Reserve". The "Basic" tab is selected. The search form includes a "Search:" input field, a "within" dropdown menu set to "Keyword", a "Limit To:" dropdown menu set to "None", and a "Records per page:" dropdown menu set to "50 records per page". There are "Search" and "Reset" buttons at the bottom of the form. Below the form, there is a "Search Tips" section with text: "enter words relating to your topic, use quotes to search phrases: 'world wide web', use + to mark essential terms: +explore important terms: *internet, use ? to truncate: browser?". The footer of the page contains a navigation bar with links: "Search", "My Searches", "My List", "My Account", and "Help", followed by the text "University of Kentucky Libraries".

MARC for digitized version

Tag	I1	I2	Subfield Data
050		4	‡a LB1028.3 ‡b .A287 2015
082	0	4	‡a 371.33 ‡2 23
084			‡a EDU000000 ‡a EDU015000 ‡a EDU029030 ‡2 bisacsh
099			‡a SEE Internet Access
245	0	0	‡a Activity theory, authentic learning and emerging technologies ‡h [electronic resource] : ‡b towards a transformative higher education pedagogy / ‡c edited by Vivienne Bozalek [and five others].
264		1	‡a Abingdon, Oxon ; ‡a New York : ‡b Routledge, ‡c 2015.
300			‡a 1 online resource (xxv, 246 pages).
336			‡a text ‡b txt ‡2 rdacontent
337			‡a computer ‡b c ‡2 rdamedia
338			‡a online resource ‡b cr ‡2 rdacarrier
490	1		‡a Routledge research in higher education
504			‡a Includes bibliographical references and index.
588			‡a Description based on print version record.
538			‡a Mode of access: World Wide Web.
650	0		‡a Educational technology ‡z South Africa.
650	0		‡a Educational technology ‡z Australia.
650	0		‡a Education, Higher ‡z South Africa.
650	0		‡a Education, Higher ‡z Australia.
700	1		‡a Bozalek, Vivienne, ‡e editor.

- No copy available (otherwise we would not have digitized that title)
- Must create original MARC records
- RDA cataloging rules

Standards: Converting MARC to Dublin Core

● MARC to Dublin Core Crosswalk

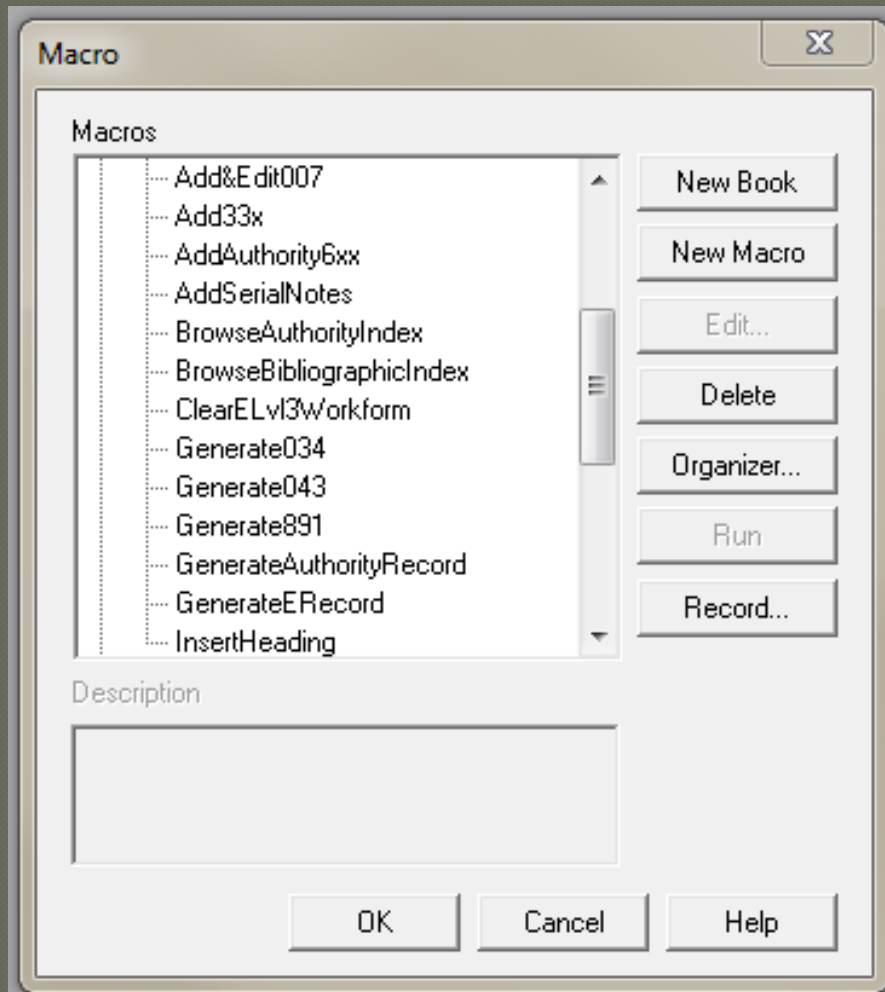
- From Library of Congress

● Dublin Core Tools and Software

- From DublinCore.org
- free/open source

MARC fields	DC Element
100, 110, 111, 700, 710, 711	Contributor
720	
651, 662	Coverage
751, 752	
	Creator
008/07-10	Date
260\$c\$g	
500-599, except 506, 530, 540, 546	Description
340	Format
856\$q	
020\$a, 022\$a, 024\$a	Identifier
856\$u	
008/35-37	Language
041\$a\$b\$d\$e\$f\$g\$h\$j	
546	
260\$a\$b	Publisher

Standards: Converting MARC (print) to MARC (electronic)



- Macro provided with OCLC Connexion
- Provider-Neutral E-Resource MARC Record Guide: PN/RDA version
- RDA Toolkit

Some benefits to starting with MARC

Voyager Cataloging - [Bib 2533959 : Kentucky slave narratives : a folk history of slavery in Kentucky from in...

File Edit Record Related Records Display Options Window Help

New Open Save Search Headings Titles Save to DB Get Bib New Hldgs Get Hldgs New Items Get Items

MARC | System | History |

☐ Suppress from OPAC

Leader 01763cam a22003851a 4500 006

005: 20120413141919.0 007

008 061017 r 2006 1936 mau _ _ _ _ _ 0 0 0 _ 0 c eng _ d

Tag	I1	I2	Subfield Data
035			1a (OCoLC)ocm73280873
040			1a JTB 1c JTB 1d BAKER 1d BTCTA 1d KUK
020			1a 1557090165 (pbk.) : 1c \$14.95
020			1a 9781557090164 (pbk.)
035			1a (OCoLC)73280873
090			1a E445.K5 1b K56 2006
049			1a KUKK
245	0	0	1a Kentucky slave narratives : 1b a folk history of slavery in Kentucky from interviews with former slaves / 1c typewritten records prepared by the Federal Writers' Project, 1936-1938.
246	3	0	1a Folk history of slavery in Kentucky from interviews with former slaves
246	1	8	1a Slave narratives: Kentucky
246	1	4	1a Slave narratives from the Federal Writers' Project, 1936-1938, Kentucky
260			1a Bedford, Mass. : 1b Applewood Books ; 1a [Washington, D.C.] : 1b Library of Congress, 1c [2006?]
300			1a 123 p. ; 1c 24 cm.
500			1a "Published in cooperation with the Library of Congress."
500			1a "These slave narratives were compiled as part of the Federal Writers' Project of the Works Progress Administration during 1936-1938"—P.[4] of cover.
590			1a UK holds archival copy for ASERL Collaborative Federal Depository Program libraries.

System Control Number 10:35 AM

- Authority work is current
- Very little crosswalking to do
- Just need to:
 - Convert to electronic
 - Convert to RDA

Literature searching -- then

- “The literature search has the advantage of increasing one’s knowledge without displaying one’s ignorance.”
- “There is no literature out there.”
- “You will not find an article out there called ‘*How I loaded the GPO cataloging tapes*’”.
--Janet Swanbeck, 1984

Literature searching – now!

- ◉ Browsing Code4Lib showed me:
 - **My Adventures in Getting Data into the ArchivistsToolkit**
 - **How I Failed To Present on Using DVCS for Managing Archival Metadata**
 - **Dynamic Indexing: a Tragic Solr Story**
 - **Show Your Stuff, using Omeka**
 - **Browser/Javascript Integration Testing with Ruby**
 - ...

From Yesterday...

ALA Midwinter 2015
Copy Cataloging Interest Group



A Semi-automatic Workflow to Create
Provider-neutral Records for Locally
Digitized Print Materials

Presenter: Lucas Mak, Metadata and
Catalog Librarian, Michigan State
University Libraries

And later yesterday...

ALA Midwinter 2015, Catalog Management Interest Group

- OCLC Hybrid Records
- RDA Enrichment

These talks could have been titled:

“Things to consider when trying to automate the conversion of records to RDA”

We can do some conversion to RDA automatically...

- ill. → illustration(s)
- p. → pages
- ca. → approximately
- ...
- Add 33X
- These are just changes in how the data was recorded, not what was recorded
- These changes mostly don't affect access

...But the original record is lossy



AACR2 only assumed a few access points...

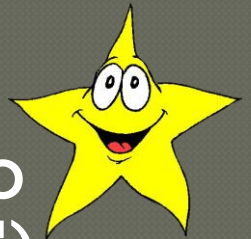
Tag	I1	I2	Subfield Data
035			‡a (OCoLC)ocm20116832
035			‡a 2941256
035			‡a (OCoLC)20116832
040			‡a CHT ‡c CHT ‡d KUK
043			‡a n-us-ky
086	0		‡a FW 4.14:F 317/ser.2/16
049			‡a KUKK
110	2		‡a Kentucky Historical Records Survey.
245	1	0	‡a Inventory of federal archives in the states : ‡b series II, the federal courts; ‡n no. 16, ‡p Kentucky / ‡c Prepared by the Survey of Federal Archives, Division of Professional and Service Projects, Works Progress Administration; the National Archives, cooperating sponsor.
260			‡a Louisville, Ky. : ‡b the Survey, ‡c 1939.
300			‡a viii, 81 l. ; ‡c 28 cm.
500			‡a Mimeographed.
583	1		‡3 copy 1 access copy spine ‡a condition reviewed ‡c 2010 ‡l torn ‡2 pda ‡5 KyU
583	1		‡3 copy 2 access copy spine ‡a condition reviewed ‡c 2010 ‡l torn ‡2 pda ‡5 KyU

Relationship designators

- No relationships specified for access points. Was that person:
 - Author?
 - Compiler?
 - Editor?
- Often the relationship is indicated in the record, just not in a consistent way
- Easy enough to fix by hand

Computer-assisted workflow

- Download all bibs in the batch
- Run script to do basic RDA conversions
 - Add any new recurring problems to script
- Compare record to digitized material to confirm accuracy (improve print MARC)
- Generate Dublin Core from MARC
 - (load into digital library, get URLs)
- Generate MARC for electronic version



Project now in progress...

- Any questions?

References

● Record Creation

- Differences Between, Changes Within
 - <http://www.ala.org/alcts/sites/ala.org.alcts/files/content/resources/org/cat/differences07.pdf>
- OCLC's "When to Create a New Record"
 - <http://www.oclc.org/bibformats/en/input.html>

References

● MARC and Dublin Core

- MARC to Dublin Core Crosswalk
 - <http://www.loc.gov/marc/marc2dc.html>
- Dublin Core Tools and Software
 - <http://dublincore.org/tools/>
- Clifford Lynch. “The Dublin Core Descriptive Metadata Program: Strategic Implications for Libraries and Networked Information Access”
- Medeiros, Norm. 1999. Making room for MARC in a Dublin Core world. *Online* 23, (6) (Nov): 57-60

References

- MARC (print) to MARC (electronic) in RDA
 - Provider-Neutral E-Resource MARC Record Guide: P-N/RDA Combined version
 - <http://www.loc.gov/aba/pcc/scs/documents/PN-RDA-Combined.docx>
 - RDA Toolkit
 - <http://access.rdatoolkit.org/>

Thanks to:

- ALA Midwinter 2015, Copy Cataloging Interest Group:
 - A Semi-automatic Workflow to Create Provider-neutral Records for Locally Digitized Print Materials. Presenter: Lucas Mak, Metadata and Catalog Librarian, Michigan State University Libraries
- ALA Midwinter 2015, Catalog Management Interest Group
 - OCLC Hybrid Records
 - RDA Enrichment

Contact Me

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